ABSTRACT OF THE DISCLOSURE

Methods, systems and programs for isolating faults in a network loop is described. The link between the last device and the initiator in the network loop is tested. The loop segment between the initiator and the last device in the network loop is tested. If a faulty link is identified in the loop segment between the initiator and the last device, then a faulty loop segment is identified and the faulty link within the faulty loop segment is isolated. For various embodiment of the present invention, divide and conquer testing or other systematic testing methods may be used to isolate the faulty link.